(Software Engineering Code of Ethics and Professional Practice, n.d.)

Nathaniel Fowler

SR. nETWORK aDMINISTRATOR

SOFTWARE ENGINEERING | SOF 590 Project 1 Capstone | December 19, 2021

# Bibliography

*Software Engineering Code of Ethics and Professional Practice*. (n.d.). Retrieved 12 19, 2021, from http://www.acm.org/about/se-code

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Description automatically generated with medium confidence



**Topics: Software Engineering**

Software engineering focuses on software development and goes beyond programming to include such things as eliciting customers’ requirements and designing and testing software.

This project is not initially software engineering but broadly covering information technology in conjunction with serval other skilled level IT functions.

As Technical Consultant (in way of Computer Engineering)

• Re-image PCs using SCCM, perform post image testing

• Memory upgrades in laptops, hard drive replacement

• BIOS updates support end users in Windows 10 functionality

• Application installation

• Documenting all completed work and submitting to project team on Daily basis



<https://www.capella.edu/Info-Technology/ComputerScience>

The following is a hyperlink to a case study <https://flylib.com/books/en/4.269.1.115/1/>

Professional Experience

General Dynamics – Humphrey Army Base Belvoir, VA Nov 2017 – Jun 2021

Systems Administrator, Networks Operation Center (NOC).

• Responsible for providing leadership, production support of the technologies that comprise the network environment, ensuring the stable operation of IT assets and services.

• Working closely with other team members ensures smooth day-to-day operation conducted in NOC setting: monitoring local and offsites via SolarWinds, helpdesk tickets, and daily tasks and projects.

• The ability to manage multiple priorities, including effectively collaborate across technology with teams and vendors offsite.

• This position requires excellent communication skills and the ability to work with diplomacy and a positive attitude.

ConAgra Windows 10 Project-Omaha, NE Apr 2017 – May 2017

Technical Consultant (Contract)

• Re-image PCs using SCCM, perform post image testing

• Memory upgrades in laptops, hard drive replacement

• BIOS updates support end users in Windows 10 functionality

• Application installation

• Documenting all completed work and submitting to project team on Daily basis

Offutt Air Force Base –Omaha, NE Nov 2016 – Apr 2017

Technical Consultant (Contract)

• Ultimately responsible for running imaging from a database management system (DBMS) on new government thin client base computers, performing standard check for the operation system, drivers, and functionality.

• Troubleshooting network connectivity, client resolution, and working in a windows 7 environment.

• Troubleshoot client peripherals including printers, KVMs, card readers, and monitors.

• Installing software, conducting surveys, and organizing the Windows PC deployments.

The following is a hyperlink to Nathaniel Fowler Portfolio

<https://github.com/fowlern135/fowlernsenioradministrator2.github.io>

Omaha Public Schools – Omaha, NE Jul 2016 – Oct 2016

Technical Consultant (Contract)

• Troubleshooting, maintaining and configuring Cisco 3750 48pts/24/pts 3560 4pts PoE 2960 48 pts switches

• Installing and maintaining Cisco models 1702i, 3602i controller based wireless access points

• VoIP – call manager resetting user’s PIN and maintained user’s profiles, troubleshooting IP phones from switch to panel, re-punching lines and terminating cables

• Used Identity Service Engine (ISE) for network management

• Used Cisco Prime for monitoring and performance evaluation of the network infrastructure

TEKsystems – Omaha, NE Apr 2016 – Jul 2016

Toshiba-Walmart Project

• Travels to multiple regional Walmart locations to perform POS equipment refreshes, including cashier screens, receipt printers, keyboards, handheld scanners, flatbed scanners/scales, debit terminals (PinPad), cash drawer and customer screens

My education achievements:

Stratford University Woodbridge, VA

Masters (MA) in Networks Information Technology – currently in (Term5)

National American University, Omaha, NE

Bachelor of Science (BS) in Business Management

Strayer University Herndon, VA

Associates of Arts Degree (AA) in Network Information Systems

Marine Corps Journeyman Course